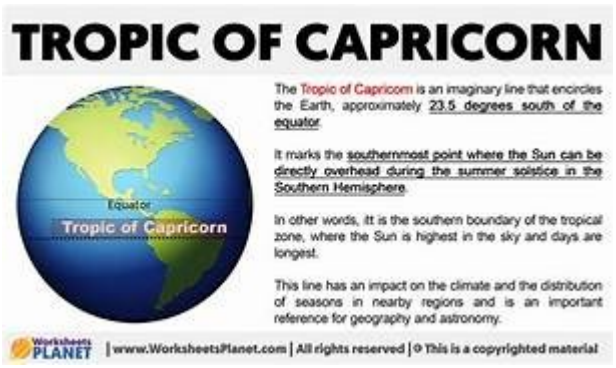
Ryan Padraig Kelly Tropic Of Capricorn

Tropic of Capricorn


TROPIC OF CAPRICORN
Equator
Tropic of Capricorn
The Tropic of Capricorn is an imaginary line that encircles the Earth, approximately 23.5 degrees south of the equator.
It marks the southernmost point where the Sun can be directly overhead during the summer solstice in the Southern Hemisphere.
In other words, itt is the southern boundary of the tropical zone, where the Sun is highest in the sky and days are longest.
This line has an impact on the climate and the distribution of seasons in nearby regions and is an important reference for geography and astronomy.
Worksheets PLANET
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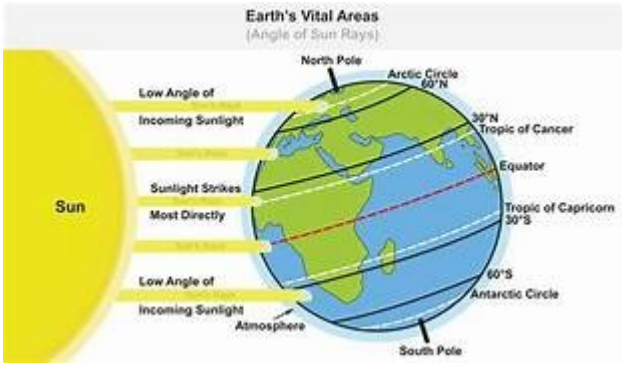
Tropic of Cancer and Tropic of Capricorn
Arctic
North America
North Atlantic
Asia
North Pacific
23.5° N
TROPIC OF CANCER
Caribbean
Central America
Africa
EQUATOR
0° N or S
Oceania
South America
Indian
TROPIC OF CAPRICORN
23.5° S
South Pacific
South Atlantic
Antarctica

Tropic of Cancer vs Tropic of Capricorn
VS

TROPIC OF CANCER AND CAPRICORN


Earth's Vital Areas
(Angle of Sun Rays)
North Pole
Arctic Circle
66°N
Low Angle of
Incoming Sunlight
30°N
Tropic of Cancer
Equator
Sun
Sunlight Strikes
Most Directly
Tropic of Capricorn
30°S
60°S
Antarctic Circle
Low Angle of
Incoming Sunlight
Atmosphere
South Pole

TROPIC OF CAPRICORN

Equator
Tropic of Capricorn
What Is
Tropic
of
Capricorn

NORTH AMERICA
Pacific Ocean
Atlantic Ocean
EUROPE
ASIA
Pacific Ocean
Tropic of Cancer
AFRICA
Equator
SOUTH AMERICA
Tropic of Capricorn
Indian Ocean
AUSTRALIA

winter solstice (December 21)
N
polar night (6 months of night)
Arctic Circle (66.5° N)
24 hours of darkness
Tropic of Cancer (23.5° N)
13.5 hours of darkness
Equator (0°)
12 hours of darkness
Tropic of Capricorn (23.5° S)
10.5 hours of darkness
Antarctic Circle (66.5° S)
0 hours of darkness
S
polar day (6 months of day)

Tropic of Cancer
Equator
Tropics
Tropic of Capricorn
N
W
E
S
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Tropic of Cancer and Capricorn
The Tropic of Cancer and Tropic of Capricorn are lines of latitude that are the most northern and southern circles where the Sun can be directly overhead (at the solstice).
Arctic Circle (66.6° N)
Tropic of Cancer (23.4° N)
Equator (0°)
Tropic of Capricorn (23.4° S)
Antarctic Circle (66.6° S)
sun directly overhead June solstice
sun directly overhead December solstice
sciencenotes.org

TROPIC OF CAPRICORN

Countries Lying on the Tropic of Capricorn
BRAZIL
BOTSWANA
PARAGUAY
MADAGASCAR
NAMIBIA
MOZAMBIQUE
CHILE
ARGENTINA
SOUTH AFRICA
AUSTRALIA
EQUATOR (0°)
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mapsforupsc.com

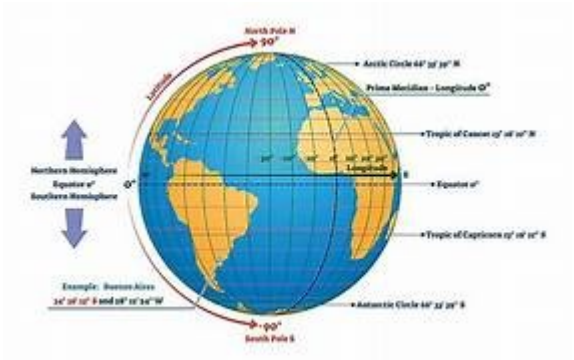
TROPIC OF GEMINI
TROPIC OF SAGITTARIUS

Darwin
Tropic of Capricorn
Brisbane
Perth
Sydney
Melbourne
Hobart

Equator
Tropic of Capricorn

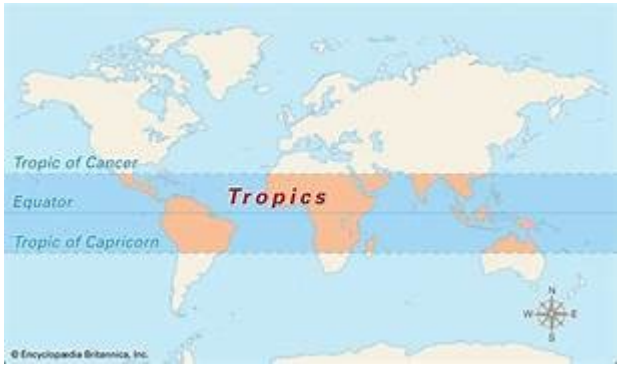
ALL THE COUNTRIES THAT LIE ALONG THE
TROPIC OF CAPRICORN

Which countries fall on Tropic of Capricorn?


North Pole N
90°
Arctic Circle 66° 33' 39" N
Prime Meridian - Longitude 0°
Tropic of Cancer 23° 26' 21" N
Longitude
Equator 0°
Tropic of Capricorn 23° 26' 21" S
Antarctic Circle 66° 33' 39" S
90°
South Pole S
Northern Hemisphere
Equator 0°
Southern Hemisphere
Example: Buenos Aires

Countries on Tropic of Capricorn
मकर रेखा पर स्थित देश
Tropic of Capricorn
Chile
Paraguay
Namibia
Mozambique
Madagascar
Botswana
South Africa
Australia

Tropic of Capricorn


Tropic of Cancer
Equator
Tropics
Tropic of Capricorn
N
W
E
S
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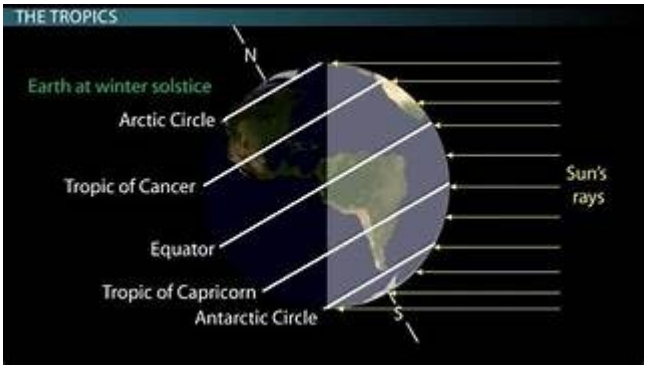
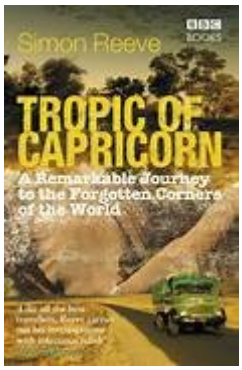
North America
Europe
Asia
Africa
South America
Tropic of Capricorn
Australia
Antarctica

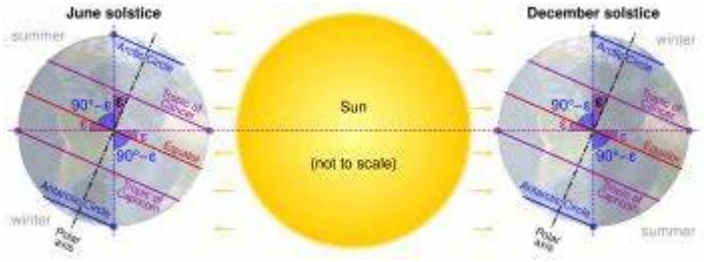
Tropic of Capricorn passes through countries
Chile
Argentina
Paraguay
Brazil
Namibia
Botswana
South Africa
Mozambique
Madagascar
Australia

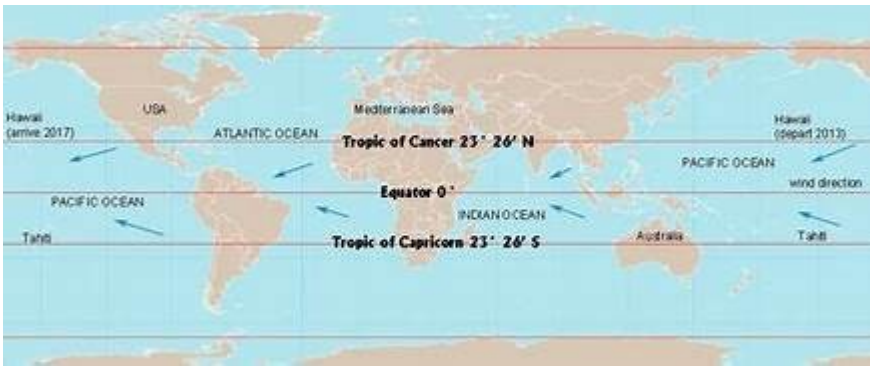
TROPIC OF CANCER
EQUATOR
TROPIC OF CAPRICORN


THE TROPICS
N
Earth at winter solstice
Arctic Circle
Tropic of Cancer
Equator
Tropic of Capricorn
Antarctic Circle
Sun's rays
S

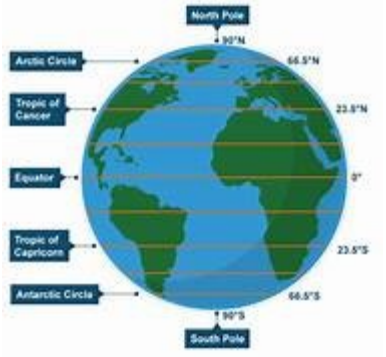

Simon Reeve
TROPIC OF CAPRICORN
A Remarkable Journey to the Forgotten Corners of the World

Tropic of Cancer
Equator
Tropic of Capricorn
Brazil
Paraguay
Botswana
Namibia
Mozambique
Madagascar
Chile
Australia
Antarctic Circle

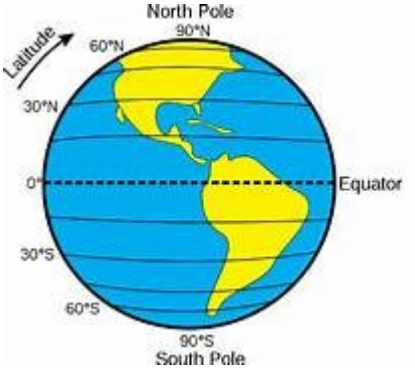

June solstice
December solstice
summer
winter
Arctic Circle
Tropic of Cancer
Equator
Tropic of Capricorn
Antarctic Circle
Polar axis
90°−δ
δ
Sun
(not to scale)

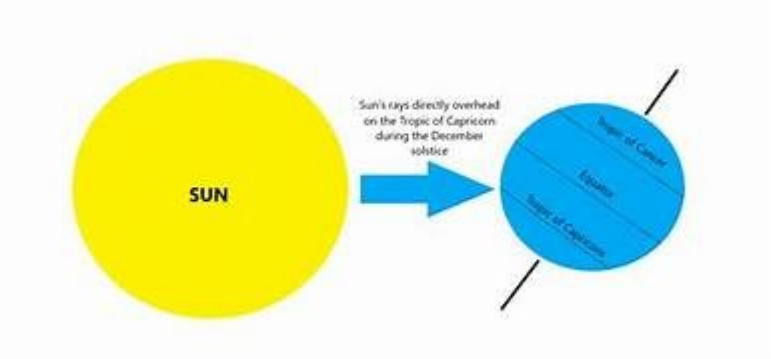

Hawaii
(arrive 2017)
USA
ATLANTIC OCEAN
Mediterranean Sea
Tropic of Cancer 23° 26' N
Hawaii
(depart 2013)
PACIFIC OCEAN
wind direction
Equator 0°
PACIFIC OCEAN
INDIAN OCEAN
Tahiti
Tropic of Capricorn 23° 26' S
Australia
Tahiti

The Tropic of Capricorn

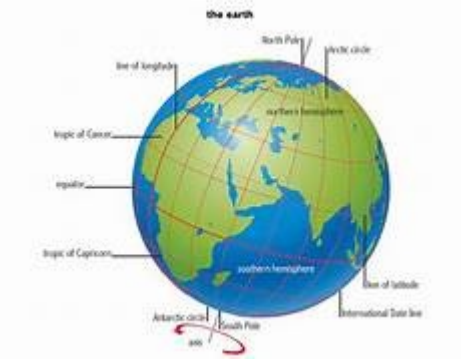

North Pole
90°N
Arctic Circle
66.5°N
Tropic of Cancer
23.5°N
Equator
0°
Tropic of Capricorn
23.5°S
Antarctic Circle
66.5°S
90°S
South Pole

Tropic of Cancer
EQUATOR
Tropic of Capricorn

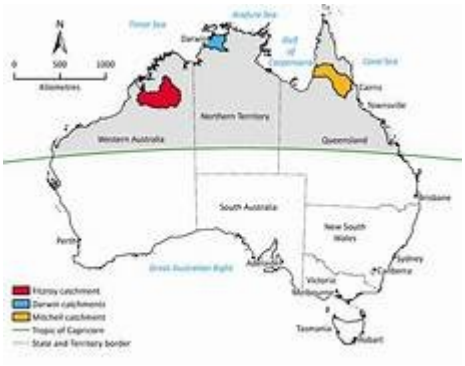

North Pole
90°N
Latitude
60°N
30°N
0°
Equator
30°S
60°S
90°S
South Pole


SUN
Sun's rays directly overhead on the Tropic of Capricorn during the December solstice
Tropic of Cancer
Equator
Tropic of Capricorn

PRIME MERIDIAN
66.5° N.
ARCTIC CIRCLE
Arctic
North America
North Atlantic
Europe
Asia
Middle East
North Pacific
23.5° N
TROPIC OF CANCER
Caribbean
Central America
Africa
0° N or S
EQUATOR
South America
Indian
Oceania
23.5° S
TROPIC OF CAPRICORN
South Atlantic
Australia
South Pacific
worldatlas
66.5° S.
Southern
ANTARCTIC CIRCLE
Antarctica
PRIME MERIDIAN
0° E or W


the earth
North Pole
arctic circle
line of longitude
northern hemisphere
tropic of Cancer
equator
tropic of Capricorn
southern hemisphere
line of latitude
International Date line
Antarctic circle
South Pole
axis

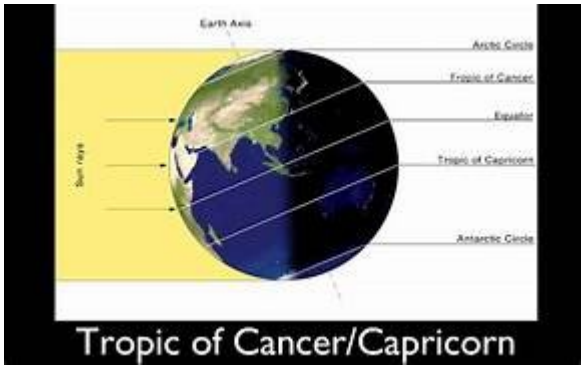
Cairns
Whitsundays
Yeppoon
Tropic of Capricorn
Brisbane



Tropic of Capricorn
PLEASE TAKE NOTE
YOU MAY EXIT YOUR VEHICLE AT THIS POINT TO VIEW THE INFORMATION BOARD AND TAKE PHOTOGRAPHS. PLEASE NOTE THAT YOU DO SO ENTIRELY AT YOUR OWN RISK AS THERE MAY BE DANGEROUS ANIMALS ABOUT THAT MAY POSE THE RISK OF PERSONAL INJURY OR DEATH.
THE GUEST OR DAY VISITOR AND/OR HIS/HER/THEIR ESTATE HEREBY INDEMNIFIES SOUTH AFRICAN NATIONAL PARKS AGAINST ANY CLAIM, ACTION, JUDGMENT, COST AND/OR EXPENSES WHICH MAY BE MADE AGAINST SOUTH AFRICAN NATIONAL PARKS AND AS MAY IN ANY WAY BE RELATED TO THE ABOVE

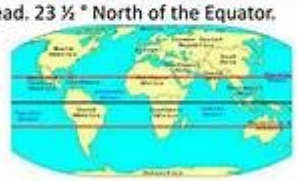
Tropic of Capricorn

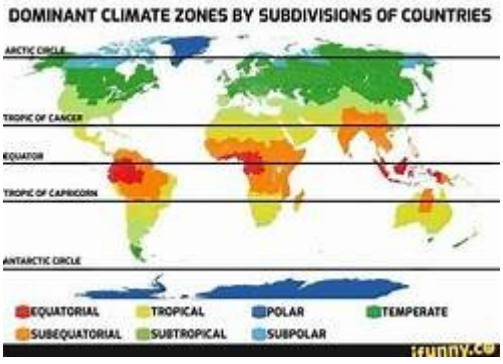
- The **Tropic of Capricorn**, also referred to as the **Southern tropic**, is the circle of latitude on the Earth that marks the most southerly position at which the Sun may appear directly overhead. 23 ½ ° South of the Equator.

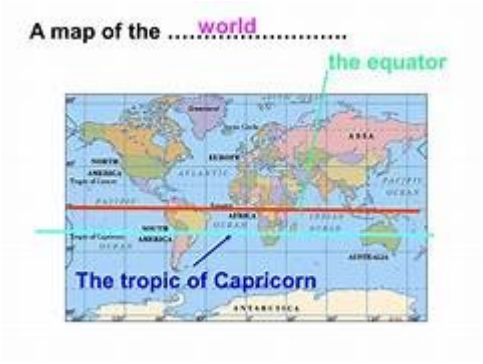


Tropic of Cancer

- The **Tropic of Cancer**, also referred to as the **Northern tropic**, is the circle of latitude on the Earth that marks the most northerly position at which the Sun may appear directly overhead. 23 ½ ° North of the Equator.







Tropic of Capricorn

- The **Tropic of Capricorn**, also referred to as the **Southern tropic**, is the circle of latitude on the Earth that marks the most southerly position at which the Sun may appear directly overhead. 23 ½ ° South of the Equator.

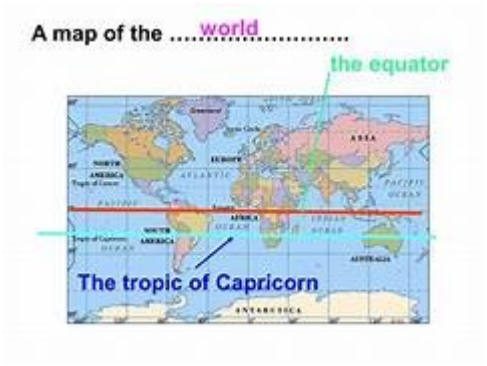
ALL THE COUNTRIES THAT LIE ALONG THE
TROPIC OF CAPRICORN

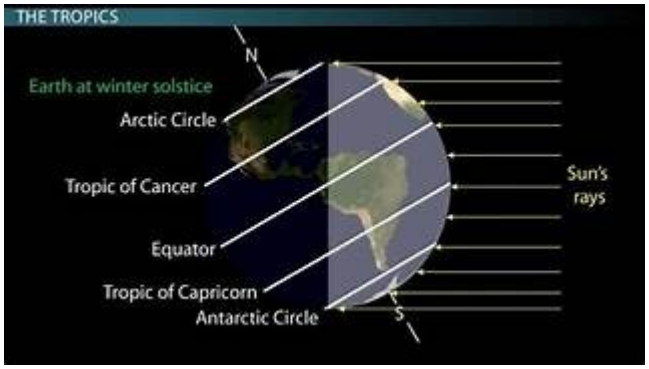
Tropic of Cancer
Equator
Tropic of Capricorn
Brazil
Paraguay
Botswana
Mozambique
Namibia
South Africa
Madagascar
Australia
Chile
Antarctic Circle

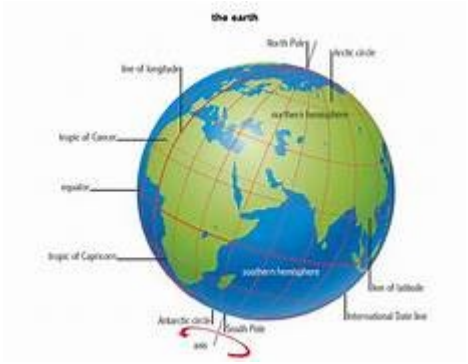
STUDY
TROPICS OF CANCER AND CAPRICORN

Arctic Circle
Tropic of Cancer
Equator
Tropic of Capricorn
Antarctic Circle

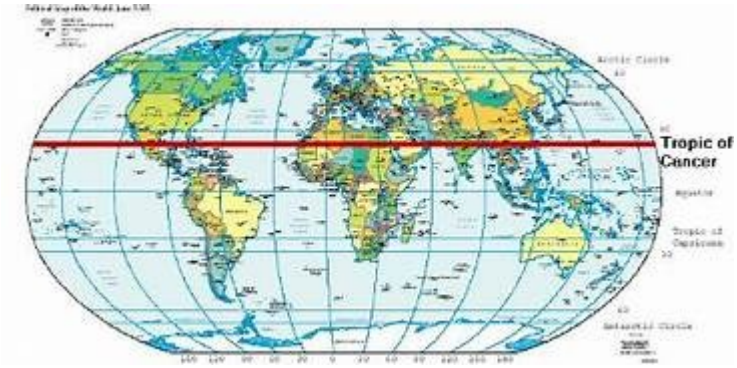
Parallels of latitude
66° 34'N
Tropic of Cancer 23° 26'N
Northern Hemisphere
0
Equator 0°
Southern Hemisphere
Tropic of Capricorn 23° 26'S
Meridians
Antarctic Circle

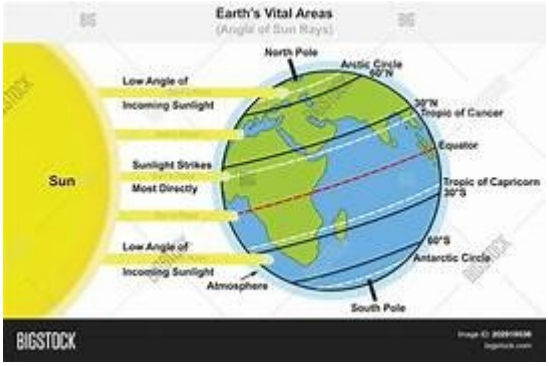

A map of the .....world.....
the equator
The tropic of Capricorn


THE TROPICS
N
Earth at winter solstice
Arctic Circle
Tropic of Cancer
Sun's rays
Equator
Tropic of Capricorn
Antarctic Circle
S

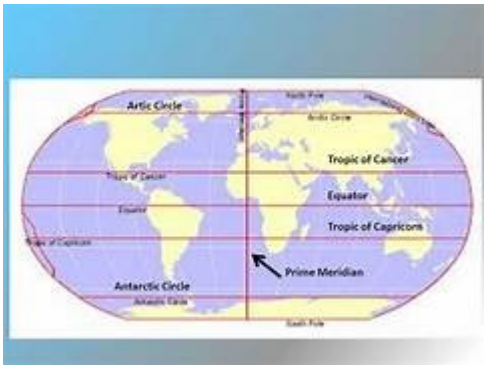

the earth
North Pole
arctic circle
line of longitude
Tropic of Cancer
equator
Tropic of Capricorn
southern hemisphere
line of latitude
International Date line
Antarctic circle
South Pole

Tropic of Cancer
EQUATOR
Tropic of Capricorn


Tropic of Cancer

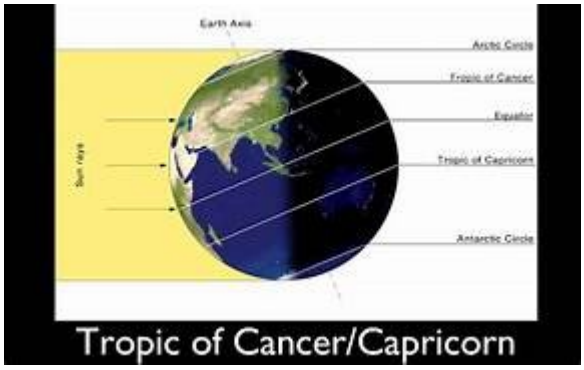

Earth's Vital Areas
(Angle of Sun Rays)
North Pole
Arctic Circle
66°N
Low Angle of
Incoming Sunlight
30°N
Tropic of Cancer
Equator
Sunlight Strikes
Most Directly
Sun
Tropic of Capricorn
30°S
60°S
Antarctic Circle
Low Angle of
Incoming Sunlight
Atmosphere
South Pole
BIGSTOCK

www.mapsofworld.com
Which Countries Lie On The Tropic Of Capricorn?
Mozambique
Madagascar


Artic Circle
Tropic of Cancer
Equator
Tropic of Capricorn
Prime Meridian
Antarctic Circle

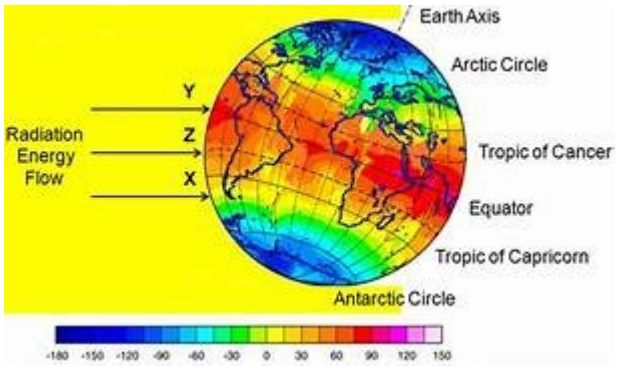
புவியின் பிரதான அகலக்கோடுகள்- Latitudes
கடக கோடு- Tropic Of Cancer
மகர கோடு- Tropic Of Capricorn

Tropic of Cancer
• The Tropic of Cancer, also referred to as the Northern tropic, is the circle of latitude on the Earth that marks the most northerly position at which the Sun may appear directly overhead. 23 ½ ° North of the Equator.


Earth Axis
Arctic Circle
Tropic of Cancer
Equator
Tropic of Capricorn
Antarctic Circle
Sun rays
Tropic of Cancer/Capricorn

Tropic of Cancer &
Tropic of Capricorn:
Tropic of Cancer: Line of latitude 23.5 degrees North of the Equator. Half way point between North Pole & Equator
Tropic of Capricorn: Line of latitude 23.5 South of the Equator. Half way point between Equator and Antarctic Circle

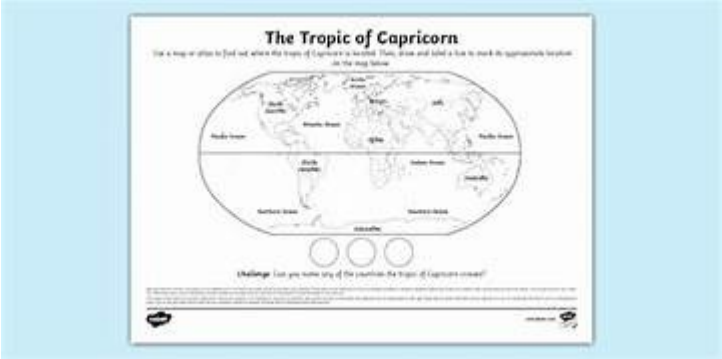
COUNTRIES ON
TROPIC OF CAPRICORN
testbook.com

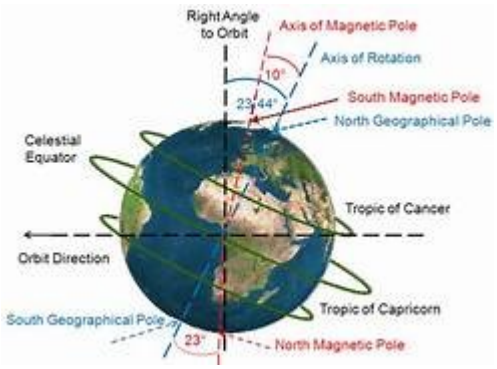

Earth Axis
Arctic Circle
Y
Radiation
Energy
Flow
Z
X
Tropic of Cancer
Equator
Tropic of Capricorn
Antarctic Circle
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150

Cairns
Whitsundays
Yeppoon
Tropic of Capricorn
Brisbane

Countries on Tropic of Capricorn
मकर रेखा पर स्थित देश
Brazil
Paraguay
Namibia
Mozambique
Madagascar
Botswana
South Africa
Chile
Argentina
Australia

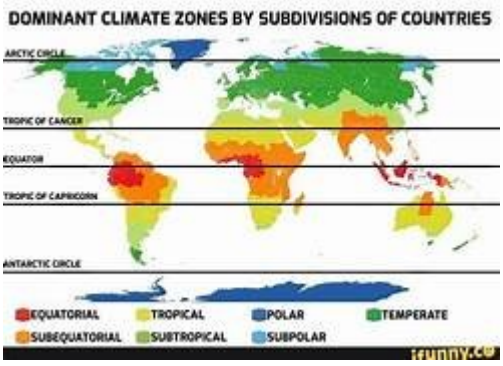
Source: Google Earth




Right Angle to Orbit
Axis of Magnetic Pole
Axis of Rotation
10°
23°44'
South Magnetic Pole
North Geographical Pole
Celestial Equator
Tropic of Cancer
Orbit Direction
Tropic of Capricorn
South Geographical Pole
23°
North Magnetic Pole

North Pole 90° N
Arctic Circle
66.5° N
Tropic of Cancer
Equator
23.5° N
0°
Tropic of Capricorn
23.5° S
Antarctic Circle
66.5° S
South Pole 90° S

EXPLORING THE CURVATURE: UNVEILING THE SHAPE OF THE TROPIC OF
CAPRICORN ON A GLOBE


DOMINANT CLIMATE ZONES BY SUBDIVISIONS OF COUNTRIES
ARCTIC CIRCLE
TROPIC OF CANCER
EQUATOR
TROPIC OF CAPRICORN
ANTARCTIC CIRCLE
EQUATORIAL
TROPICAL
POLAR
TEMPERATE
SUBEQUATORIAL
SUBTROPICAL
SUBPOLAR

Latitude Lines
NP
Arctic Circle
Tropic of cancer
Equator
Tropic of capricorn
Antaractic circle
SP

Rockhampton
Capricorn Coast
QUEENSLAND, AUSTRALIA

MAJOR LINES OF LATITUDE AND LONGITUDE ON A WORLD MAP
✦Equator
✦Tropic of Cancer
✦Tropic of Capricorn
✦Prime Meridian
✦Arctic Circle.

DARWIN
NT
QLD
Tropic Of Capricorn
WA
SA
NSW
BRISBANE
PERTH
ADELAIDE
SYDNEY
VIC
MELBOURNE
TAS
HOBART
750 km
Northern Australia boundary
Major road

alamy
www.alamy.com

NORTHERN
TERRITORY
QUEENSLAND
SOUTH
AUSTRALIA
Coral Sea

TROPIC OF
CAPRICORN
alamy